

CREATING OPTIMIZED MAPPINGS FOR VT1.5 AND VT2 SWITCHING

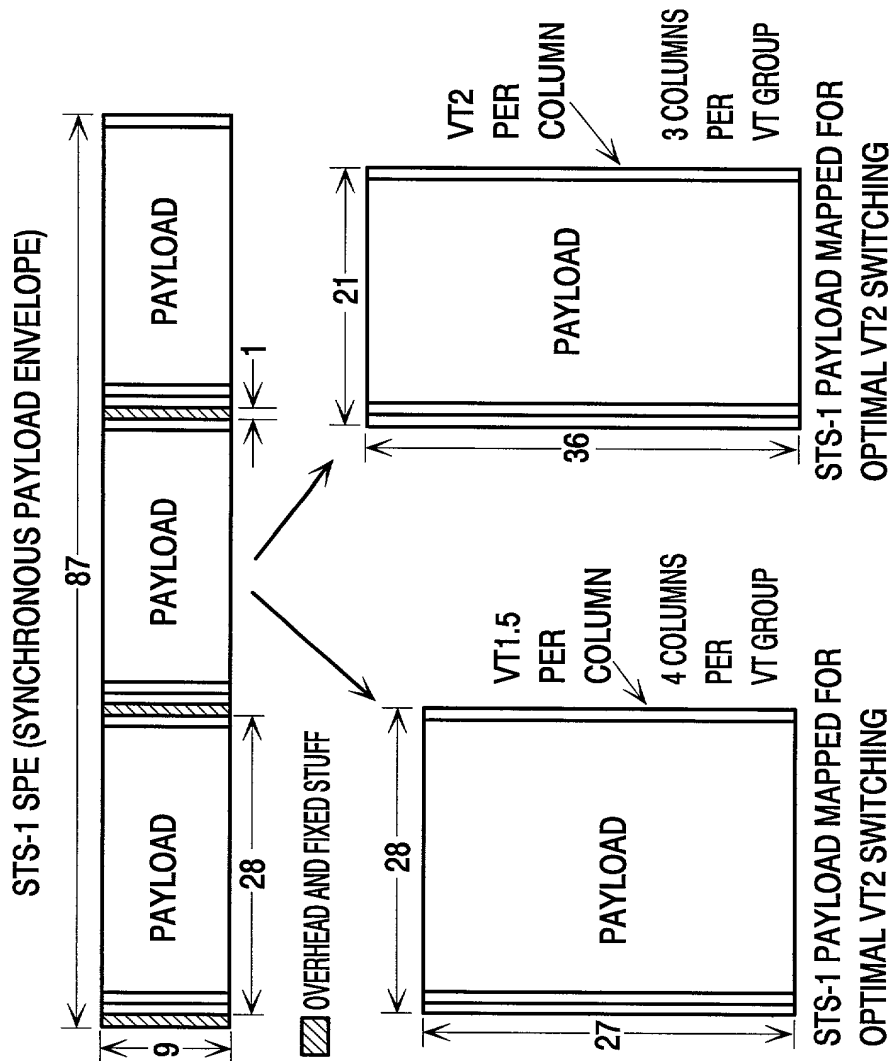
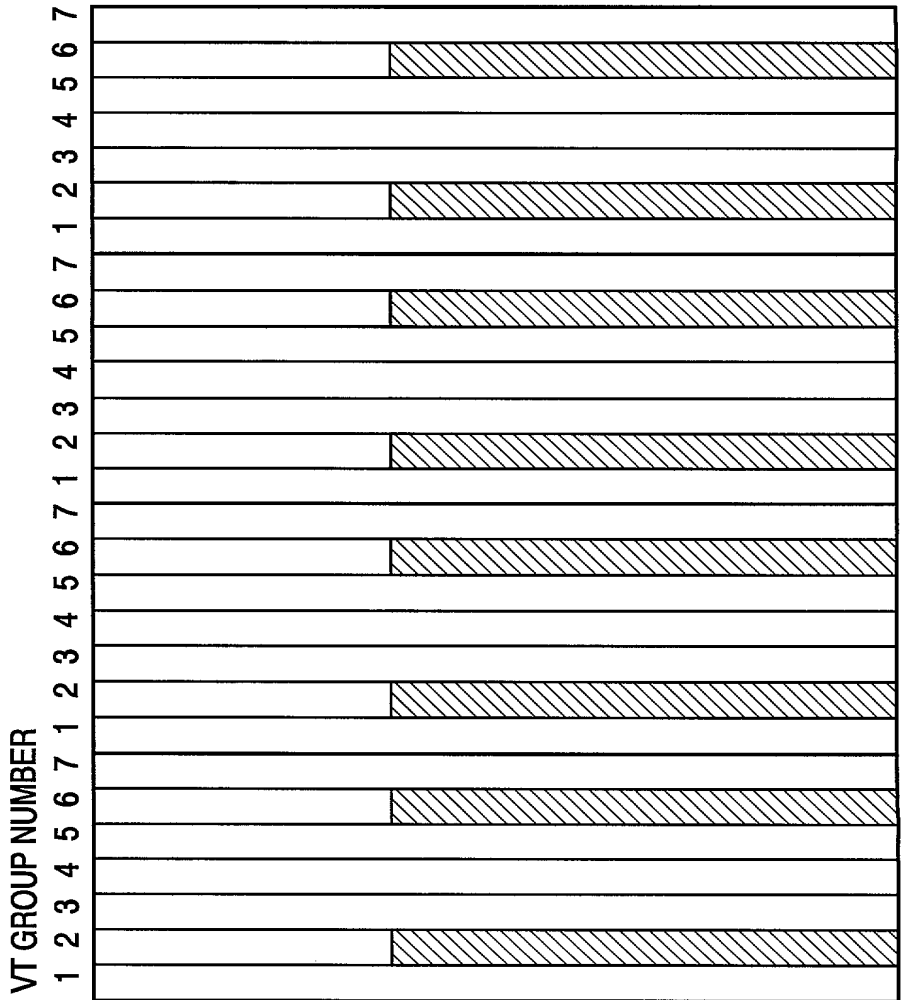


Fig. 1
Prior Art

Mixing VT2s into a VT1.5-optimized Configuration

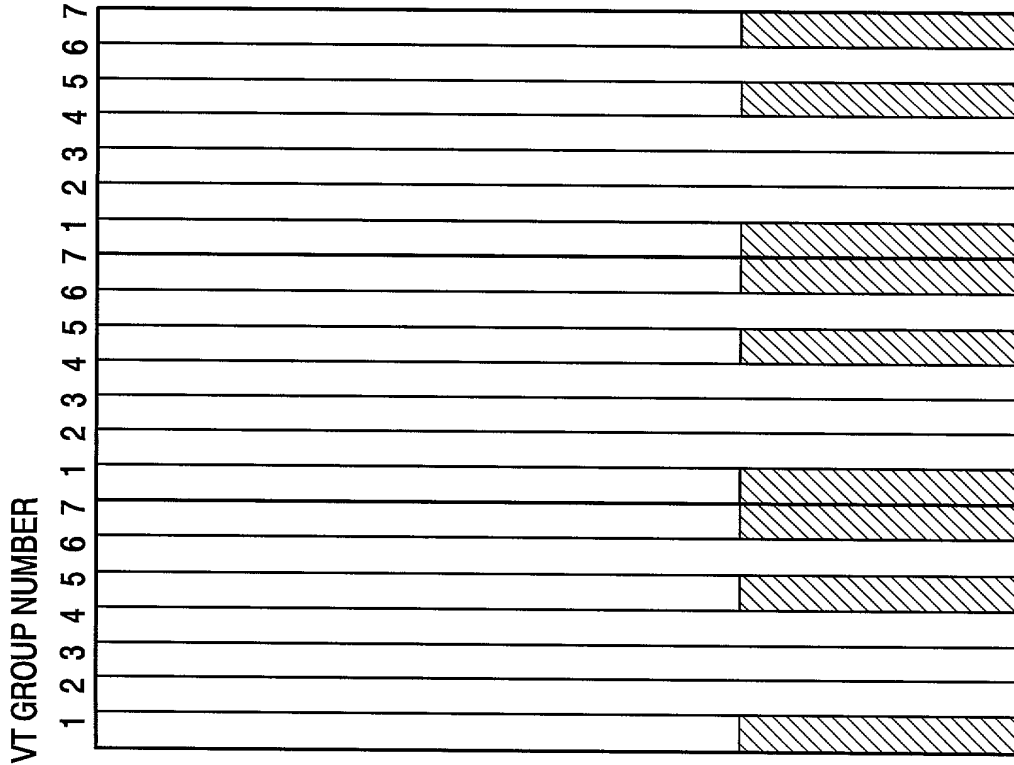


IN THIS EXAMPLE, VT GROUPS 3, 4 AND 7 ARE VT1.5S WHILE VT GROUPS 1 AND 2 ARE COMBINED TO CARRY A SINGLE VT2. THE SAME IS SHOWN FOR VT GROUPS 5 AND 6.

THE DARK AREAS REPRESENT WASTED BANDWIDTH (33% PER VT2 CARRIED).

Fig. 2
Prior Art

Mixing VT1.5s into a VT2-optimized Configuration



IN THIS EXAMPLE, VT GROUPS 2, 3, 4 AND 6 ARE CARRYING VT2S WHILE VT GROUPS 1.5 AND 7 ARE MAPPED WITH VT1.5S.

THE DARK AREAS REPRESENT WASTED BANDWIDTH (25% PER VT1.5 CARRIED).

Fig. 3
Prior Art

L

L

L

L



L

L

L

L

L

L



L

L

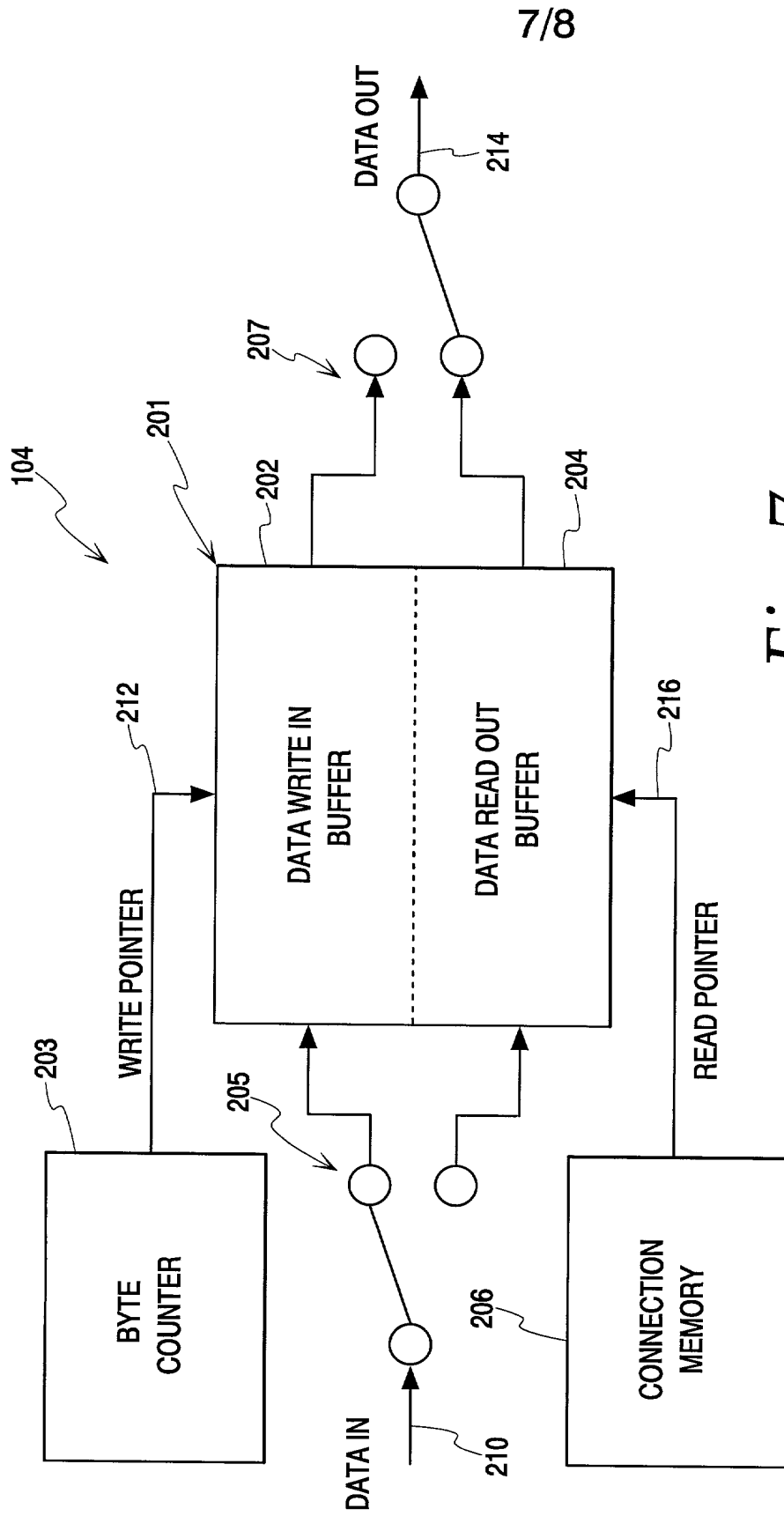


Fig. 7

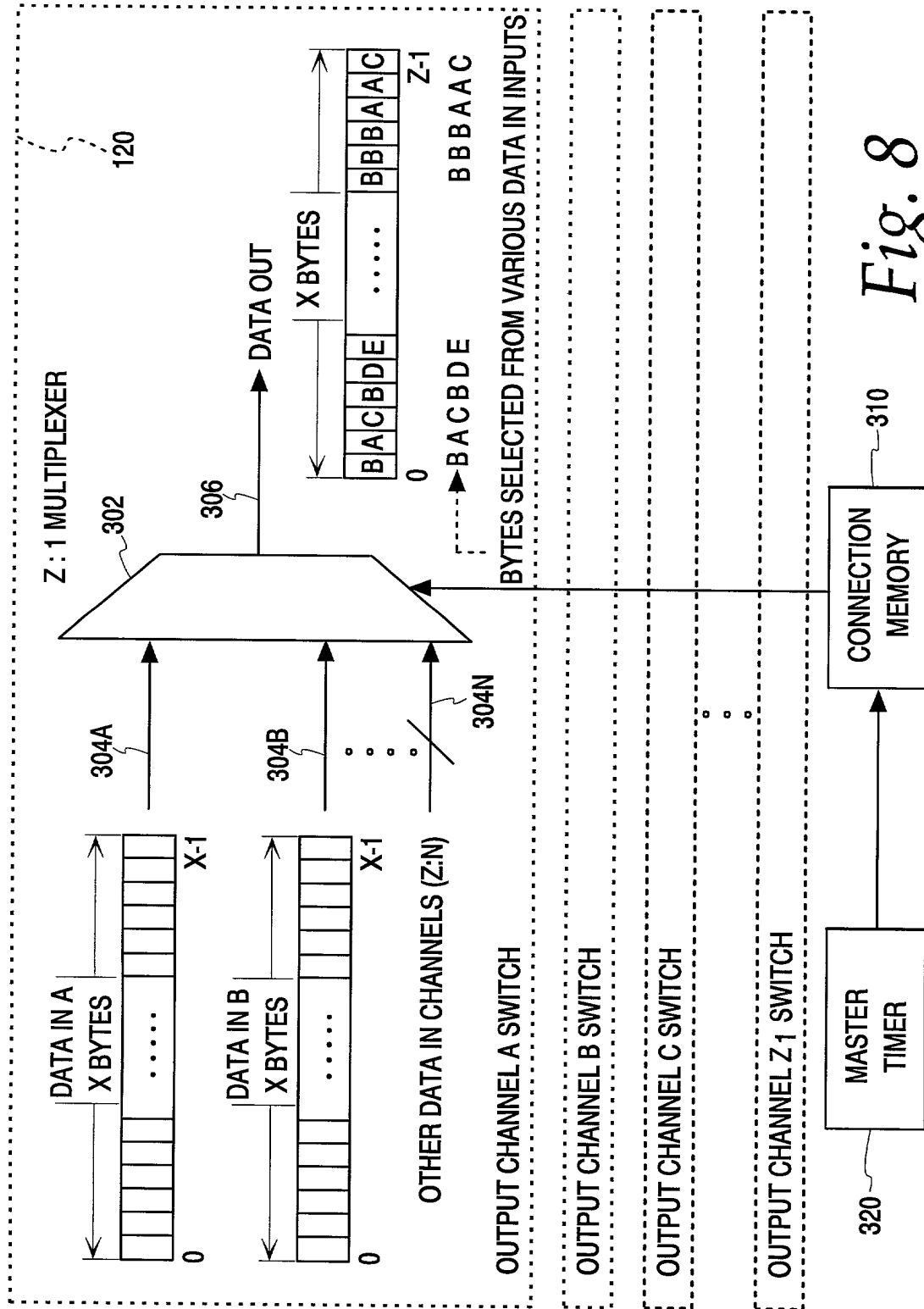


Fig. 8